

ATCC

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CRL-1907

Word Search

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Cell Lines	
ATCC Number:	CRL-1907 order this item
Organism:	<i>Mus musculus</i> (B cell); <i>Mus musculus</i> (myeloma) (mouse (B cell); mouse (myeloma))
Designation:	11E10
Depositors:	A.D. O'Brien
Strain:	BALB/c (B cell); BALB/c (myeloma)
Tissue:	B lymphocyte; hybridoma
Products:	immunoglobulin; monoclonal antibody; against Shiga like toxin II (SLT-II)
Morphology:	lymphoblast
Comments:	<p>Animals were immunized with a formalinized toxoid prepared from crude SLT-II produced by an E. coli K-12 strain lysogenized with the 933W toxin converting phage of enterohemorrhagic E. coli 933.</p> <p>Spleen cells were fused with Sp2/0-Ag14 myeloma cells.</p> <p>The antibody reacts with the A subunit of SLT-II and does not react with B subunit.</p> <p>The antibody can be used in SLT-II neutralization assays and in assays to detect SLT-II producing E. coli strains.</p> <p>It may also be used to differentiate SLT-II from SLT-I, SLT-IIv and Shiga toxin.</p> <p>The 11E10 antibody differs from that of 11F11 (ATCC CRL-1908) in that it can partially neutralize SLT-IIv.</p>
Growth Properties:	suspension
Isotype:	IgG1; kappa light chain
Subculturing:	Cultures can be maintained by addition or replacement of fresh medium. Start cultures at 1×10^5 cells/ml and maintain between 1×10^5 and 1×10^6 cells/ml.
Fluid Renewal:	Every 2 to 4 days
References:	RF11616: Perera LP et al. Isolation and characterization of monoclonal antibodies to Shiga-like toxin II of enterohemorrhagic Escherichia coli and use of the monoclonal antibodies in a colony enzyme-linked immunosorbent assay. J. Clin. Microbiol. 26: 2127-2131, 1988 PubMed: 89034712

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Propagation:	ATCC medium: RPMI 1640 medium, 90%; fetal bovine serum, 10%
BioSafety Level:	1
Shipped:	frozen
Price:	\$200
Revised:	Jan 07, 2000

Pricing Note:

All prices are in U.S. dollars and are for U.S. Profit & Foreign Institutions. Our domestic (U.S. and Canada) non-profit customer-pricing discount has also changed and is now a standard 20% discount off the list price of most cultures.

Cultures special ordered as test tubes, stabs or flasks, carry an additional laboratory fee of \$50.00 each. Minimum invoicing is \$45.00. Orders received for lesser amounts will be invoiced at the minimum. Prices are in U.S. dollars. Terms: Net 30 from date of invoice. NO COD orders or Letters of Credit accepted. ATCC Accepts VISA, MasterCard and American Express.

Shipping Charges

All materials are shipped FOB Manassas, freight prepaid via carrier of our choice and added to your invoice. Packaging is extra.

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Questions or Comments?

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CRL-1794

Word Search

Clear Search

For query options, please read the [search help](#).

Cell Lines	
ATCC Number:	CRL-1794 <input type="button" value="order this item"/>
Organism:	<i>Mus musculus</i> (B cell); <i>Mus musculus</i> (myeloma) (mouse (B cell); mouse (myeloma))
Designation:	13C4
Depositors:	A.D. O'Brien
Strain:	BALB/c (B cell); BALB/c (myeloma)
Tissue:	B lymphocyte; hybridoma
Products:	immunoglobulin; monoclonal antibody; against shiga toxin and shiga like toxin I (SLTI)
Morphology:	lymphoblast
Comments:	<p>Animals were immunized with purified shiga-like toxin from E. coli H30.</p> <p>Spleen cells were fused with Sp2/0-Ag14 myeloma cells.</p> <p>The antibody reacts with the beta subunit of shiga toxin and SLTI and neutralizes Shiga toxin activities from <i>Shigella dysenteriae</i> type I and <i>Shigella flexneri</i> and Shiga-like toxin activities from <i>Escherichia coli</i>.</p> <p><i>Vibrio cholerae</i>, <i>Vibrio parahaemolyticus</i> and <i>Salmonella typhimurium</i>.</p> <p>Tested and found negative for ectromelia virus (mousepox).</p>
Growth Properties:	suspension
Isotype:	IgG1; kappa light chain
Subculturing:	Cultures can be maintained by addition or replacement of fresh medium. Start cultures at 2×10^5 cells/ml and maintain between 1×10^5 and 1×10^6 cells/ml.
Fluid Renewal:	Every 2 to 3 days
References:	RF11200: Strockbine NA et al. Characterization of monoclonal antibodies against shiga-like toxin from <i>Escherichia coli</i> . <i>Infect. Immun.</i> 50: 695-700, 1985 PubMed: 86058015
Propagation:	ATCC medium: Modified Dulbecco's medium, 90%; fetal bovine serum, 10% 90%; fetal bovine serum, 10%
BioSafety Level:	1

Shipped:	frozen
Price:	\$200
Revised :	Jan 07, 2000

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